



# Anti-ARID4A (aa 1033-1139) polyclonal antibody (DPAB-DC2675)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	The protein encoded by this gene is a ubiquitously expressed nuclear protein. It binds directly, with several other proteins, to retinoblastoma protein (pRB) which regulates cell proliferation. pRB represses transcription by recruiting the encoded protein. This protein, in turn, serves as a bridging molecule to recruit HDACs and, in addition, provides a second HDAC-independent repression function. The encoded protein possesses transcriptional repression activity. Multiple alternatively spliced transcripts have been observed for this gene, although not all transcript variants have been fully described.
<b>Immunogen</b>	ARID4A (NP_002883, 1033 a.a. ~ 1139 a.a) partial recombinant protein with GST tag. The sequence is AEESQEGLCERESANGFETNVASGTCIIVQERESREKGQKRPSDGNSGLMAKKQKRTPK RTSAAAKNEKNGTGQSSDSEDPVLDNSSKCTPVKHLNVSKPQKLAR
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

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<b>Gene Name</b>	<a href="#">ARID4A AT rich interactive domain 4A (RBP1-like) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ARID4A
<b>Synonyms</b>	ARID4A; AT rich interactive domain 4A (RBP1-like); RBP1; RBBP1; RBP-1; RBBP-1; AT-rich interactive domain-containing protein 4A; retinoblastoma binding protein 1; retinoblastoma-binding protein 1; ARID domain-containing protein 4A;
<b>Entrez Gene ID</b>	<a href="#">5926</a>
<b>Protein Refseq</b>	<a href="#">NP_002883</a>
<b>UniProt ID</b>	<a href="#">A0A024R657</a>
<b>Chromosome Location</b>	14q23.1
<b>Function</b>	DNA binding; sequence-specific DNA binding transcription factor activity;

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